

NPDES Permit No. IL0080070  
Notice No. MEL:14111901.mel

Public Notice Beginning Date: **January 6, 2015**

Public Notice Ending Date: **February 5, 2015**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

Draft New NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency  
Bureau of Water,  
Division of Water Pollution Control  
Permit Section  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217/782-0610

Name and Address of Discharger:

Nicor Gas  
1844 Ferry Road  
Naperville, Illinois 60563

Name and Address of Facility:

Nicor Gas  
½ Mile East of N. Eola Rd. between Ogden Ave. & N. Aurora  
(DuPage County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Mark E. Liska at 217/782-0610.

The applicant is engaged in the transmission and storage of natural gas (SIC 4922). Waste water is generated from hydrostatic testing of new natural gas transmission lines. Testing activities will result in an average discharge of 1.25 MGD of hydrostatic test water from outfalls 001 and 002.

Application is made for new discharges which are located in DuPage County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Waubonsie Creek	41° 45' 7"	North	88° 14' 2"	West	General Use	C
002	Unnamed Pond to Waubonsie Creek	41° 46' 10"	North	88° 14' 0"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment DTE-01 receiving the discharge from outfall 001 and 002 is not on the draft 2014 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

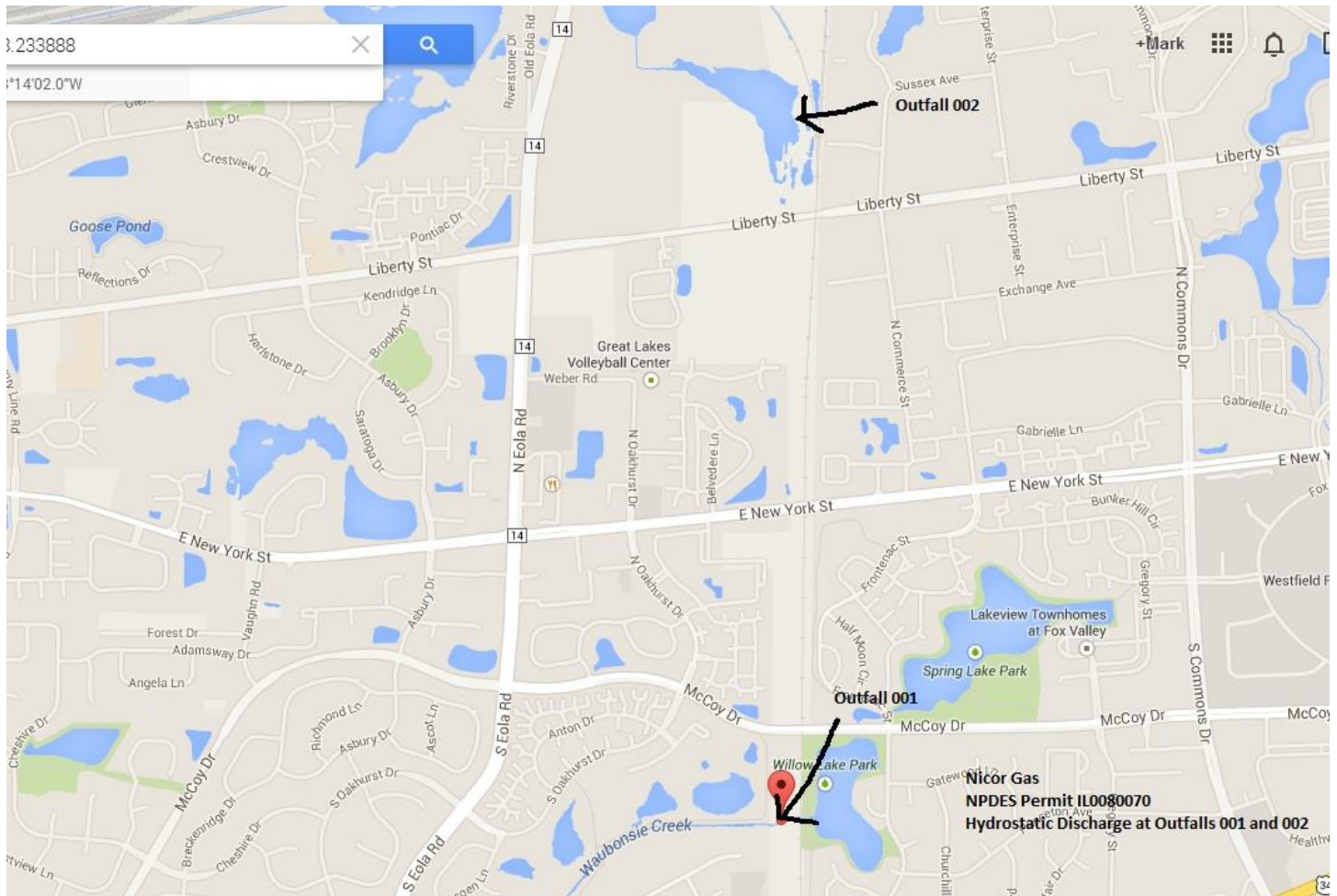
The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall(s): 001 Hydrostatic Test Water (DAF = 1.25 MGD)  
002 Hydrostatic Test Water (DAF = 1.25 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH	Shall be within the range of 6.5 to 9.0 standard units					35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Iron				2	4	35 IAC 304.124

The following explain the conditions of the proposed permit:

The special conditions clarify flow monitoring, pH limits, monitoring locations, DMR submission requirements, withdrawal of source water, and various other discharge requirements.



Antidegradation Assessment for Nicor Gas - Aurora  
NPDES Permit No. IL0080070 DuPage County

The Applicant has applied for an NPDES permit for the hydrostatic testing of a new pipeline in DuPage County. The total pipeline to be tested would be approximately 19,500 linear feet of new 36-inch diameter pipeline. A maximum daily discharge rate of 1.25 MGD is proposed, with discharge occurring for no longer than one week. The Applicant has selected two discharge locations (Outfall 001 and 002) and is working with the DuPage County Forest Preserve on selecting the preferred discharge location. Source water used for testing would be withdrawn from and returned to the same body of water. Outfall 001 would discharge into Waubonsie Creek and Outfall 002 would discharge into an unnamed pond in the Night Heron Marsh Forest Preserve. Water would be discharged with a temporary 6 or 8-inch diameter hose and erosion control measures would be applied at the point of discharge. The hydrostatic test methods chosen are the accepted norm for these projects. Arranging for effluents to be land applied, sent to a treatment works or other alternatives are not practical for this type of discharge.

**Identification and Characterization of the Affected Water Body.**

Waubonsie Creek (Segment DTE-01) and the unnamed pond are General Use water bodies with zero 7Q10 flow. The water bodies have not been assessed under the Agency's 305(b)/303(d) program and are not listed as enhanced waters in regards to the dissolved oxygen water quality standard. Neither water body is listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. According to this publication the unnamed pond has not been given an integrity rating, but Waubonsie Creek has been given a "C" integrity rating.

**Identification of Proposed Pollutant Load Increases or Potential Impacts on Uses.**

The Applicant proposes to withdraw surface water for hydrostatic testing and return the water to the same body of water. The activities would be short-term and temporary and are not expected to impact water quality. Given that the pipeline is new, the pollutants typically associated with hydrostatic testing (e.g., oil/grease, BETX) would not be present. No increase in pollutant loading to the receiving waters is expected to occur.

**Agency Conclusion.**

This preliminary antidegradation assessment was conducted pursuant to the Illinois Pollution Control Board regulation found at 35 Ill. Adm. Code 302.105 (Antidegradation standard). We tentatively find that the proposed activity would result in the attainment of water quality standards and that all existing uses of the receiving waters would be maintained. The proposed activities are not expected to contribute increased pollutant loadings to the receiving waters given that the pipeline is new and the hydrostatic test water would be withdrawn from and returned to the same water body. In a worst-case scenario the proposed activity would only result in short-term, temporary increases in pollutant loading and would not result in long term or permanent impacts to existing uses including aquatic life habitat; therefore, it is subject to Subsection (d) of 35 Ill. Adm. Code 302.105. Comments received during the NPDES permit public notice period would be evaluated before a final decision is made by the Agency.

NPDES Permit No. IL0080070

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

New (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Nicor Gas  
1844 Ferry Road  
Naperville, Illinois 60563

Facility Name and Address:

Nicor Gas  
½ Mile East of N. Eola Rd. between Ogden Ave. & N. Aurora  
(DuPage County)

Discharge Number and Name:

001 Hydrostatic Test Water  
002 Hydrostatic Test Water

Receiving Waters:

Waubonsie Creek  
Unnamed Pond to Waubonsie Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

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Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 001 Hydrostatic Test Water (DAF = 1.25 MGD)  
002 Hydrostatic Test Water (DAF = 1.25 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1				Daily When Discharging	
pH	See Special Condition 2				Daily When Discharging	Grab
Total Suspended Solids			15	30	Daily When Discharging	Grab
Oil and Grease			15	30	Daily When Discharging	Grab
Iron			2	4	Daily When Discharging	Grab

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/net-dmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15<sup>th</sup> day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 5. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 6. In addition to other requirements of this permit, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum, or sludge solids. Color (including color resulting from dyes or tracers in the hydrostatic test water), odor and turbidity must be reduced to below obvious levels.

SPECIAL CONDITION 7. The permittee shall provide telephone notification to the IEPA Des Plaines Regional Office at (847) 294-4000, at least 24 hours prior to any hydrostatic pipeline testing which may result in a discharge.

SPECIAL CONDITION 8. Appropriate measures shall be taken to prevent water quality impacts resulting from soil erosion due to the discharge. The discharge flow rate shall be controlled so as not to cause scouring or other damage to stream beds or banks.

SPECIAL CONDITION 9. Solid wastes such as straw used for filtering or erosion control shall be disposed of in accordance with state and federal law.

SPECIAL CONDITION 10. The permittee shall only discharge hydrostatic test water to the watersheds from which it was withdrawn.

SPECIAL CONDITION 11. When test water is discharged to the same waterbody from which it was withdrawn, compliance with the numerical effluent standards is not required when effluent concentrations in excess of the standards result entirely from influent contamination, evaporation, and/or the incidental addition of traces of materials not utilized or produced in the hydrostatic test activity that is the source of the waste.